

CLAIMS

1. A no-frost refrigerator, with a storage chamber and an evaporation chamber, an air passage, enabling air exchange between storage chamber and evaporation chamber, and a control body (13) arranged on an air passage opening (3) of the air passage, which can be shifted between positions, in which it variously covers the free cross-section of the air passage opening (3), characterised in that the control body (13) can be rotated about an axis vertical to the plane of the air passage opening (3).
2. The no-frost refrigerator as claimed in Claim 1, characterised in that the air passage opening (3) is formed in a partition between the storage chamber and the evaporation chamber.
3. The no-frost refrigerator as claimed in Claim 1 or 2, characterised in that the control body (13) is formed as a circular disc.
4. The no-frost refrigerator as claimed in Claim 3, characterised in that the control body (13) has a peripheral surface formed as a cam disk (17,18).
5. The no-frost refrigerator as claimed in Claim 4, characterised in that a switch (5) interacting with the cam disk for controlling a drive motor (7) for the control body (13) is attached to the partition.
6. The no-frost refrigerator as claimed in any one of the foregoing claims, characterised in that the axis is formed by a shaft (10) of a drive

motor (7) of the control body (13), which is taken up in a sleeve of the control body.

7. The no-frost refrigerator as claimed in Claim 6, characterised in that a support formed on the air passage opening (3) has walls, which are convex upwards above the horizontal shaft (10).
8. The no-frost refrigerator as claimed in Claim 6 or 7, characterised in that the sleeve and the shaft (10) in each case have a slot (22) in a plane oriented diagonally to the axis, and in that a locking element (23) crosses the slots (22).
9. The no-frost refrigerator as claimed in Claim 8, characterised in that the locking element (23) has a first end held fast to the control body (13) and an elastically mobile second end, which can be displaced to displace the locking element (23) from at least one of the slots (22).
10. The no-frost refrigerator as claimed in Claim 9, characterised in that the locking element (23) is enclosed between the control body (13) and a wall, on which the control body (13) is swivel-mounted, and the free end of the locking element (23) can be actuated through a hole of the control body (13).
11. The no-frost refrigerator as claimed in any one of the foregoing claims, characterised in that the air passage opening (3) is formed in a substantially cylindrical shell element (1), which is added into a wall.

12. The no-frost refrigerator as claimed in Claim 11, characterised in that a heating unit (29) is attached to the periphery of the shell element (1).
13. The no-frost refrigerator as claimed in Claim 11 or 12, characterised in that a drive motor (7) is mounted to rotate the control body (13) on the shell element (1).
14. The no-frost refrigerator as claimed in any one of the foregoing claims, characterised in that a support (4) facing the control body (13) is formed on the air passage opening (3).